

ITEM 654.01 RECONNECT EXISTING STORM DRAINS

DESCRIPTION

Under this item, the Contractor shall furnish and install the appropriate size pipes for the replacement and/or reconnection of existing cellar drains, sump lines, roof leaders, etc. into new or existing storm structure, as indicated on the plans or A.O.B.E.

MATERIALS

All pipes shall meet the requirements NYSDOT Section 603.

All excavation shall meet the requirements of NYSDOT Section 206.

All backfill shall meet the requirements of NYSDOT Section 203.

CONSTRUCTION DETAILS

Connection to storm sewer – the connection to the storm sewer will be made by coring a hole in the storm sewer pipe at a 45 degree angle to level and installing an Inserta-Tee or approved equal in the storm sewer pipe and provided the necessary 100mm PVC SDR 35 pipe, fittings, riser, cleanout and metal cap (at or near the right-of-way), and making the connection to the existing drain pipe with the necessary Fernco coupling and adapters. The new pipe will be installed at a minimum grade of 1%.

Connection to underdrain – the connection to the underdrain will be made by installing a wye in the underdrain pipe and installing 100mm PVC SDR 35 pipe, fitting, riser, cleanout and metal cap at or near the right-of-way. The connection of the new pipe to the existing pipe will be made with the necessary Fernco coupling and adapters. The new pipe will be installed at a minimum grade of 1%.

METHOD OF MEASUREMENT

This work will be measured as the number of linear meters of pipe installed, measured along the bottom center line of the pipe. Fittings, bends, riser sections, covers adapters/metal cap, and connections are all included in linear measurement.

BASIS OF PAYMENT

The unit price bid shall include the cost of all labor, materials and equipment necessary to complete the work. Excavation, backfill a surface restoration will be paid under their appropriate items.

Payment will be made under:

<u>Item No.</u>	<u>Item</u>	<u>Pay Unit</u>
654.01M	Reconnect Existing Storm Drains	M

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